Form PTO—1449	Docket Number (Optional) 6750-0007.01/SU98-U01.US1	Application Number 09/662,224
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Alexander, et al.	
(Use several sheets if necessary)	Filing Date 14 September 2002	Group Art Unit 3737

U.S. PATENT DOCUMENTS							
Reference No.	Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
·							

FOREIGN PATENT DOCUMENTS								
Reference No.	Examiner Initial	Document Number	Date	Country	Class	Subclass	Transla	ation
						-	YES	NO

	OTHER DOCUMENTS				
Reference No.	ence Examiner Title, Date, Pages, etc.				
1. TYL		Adam G, et al. "MR Imaging of the Knee: Three-Dimensional Volume Imaging Combined with Fast Processing." <i>J Comput Asst Tomogr</i> 1989 Nov-Dec.; 13(6) : 984-988.			
2.		Adams ME, et al. "Quantitative Imaging of Osteoarthritis." Semin Arthritis Rheum 1991 June; 20(6) Suppl. 2: 26-39.			
3.		Ahmad CS, et al. "Biomechanical and Topographic Considerations for Autologous Osteochondral Grafting in the Knee." <i>Am J Sports Med</i> 2001 Mar-Apr.; 29(2) : 201-206.			
4.		Aro HT, et al. "Clinical Use of Bone Allografts." Ann Med 1993; 25: 403-412.			
5.		Beckmann N, et al. "Noninvasive 3D MR Microscopy as a Tool in Pharmacological Research: Application to a Model of Rheumatoid Arthritis." <i>Magn Reson Imaging</i> 1995; 13(7) : 1013-1017.			
6.		Burgkart R, et al. "Magnetic Resonance Imaging-Based Assessment of Cartilage Loss in Severe Osteoarthritis." <i>Arth Rheum</i> 2001 Sept.; 44(9) : 2072-2077.			
7.		Castriota-Scanderbeg A, et al. "Precision of Sonographic Measurement of Articular Cartilage: Inter- and Intraobserver Analysis." Skeletal Radiol 1996; 25: 545-549.			
8.	1	Clarke IC, et al. "Human Hip Joint Geometry and Hemiarthroplasty Selection." <i>The Hip</i> . C.V. Mosby, St. Louis; 1975. pp 63-89.			

Examiner	Thomas	Date Considered	12130/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO1449	Docket Number (Optional)	Application Number
_	6750-0007.01/SU98-U01.US1	09/662,224
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Alexander, et al.	
	Filing Date	Group Art Unit
(Use several sheets if necessary)	14 September 2002	3737

9.	TYL	Creamer P, et al. "Quantitative Magnetic Resonance Imaging of the Knee: A Method of Measuring Response to Intra-Articular Treatments." <i>Ann Rheum Dis</i> 1997; 56 : 378-381.
10.		Dupuy DE, et al. "Quantification of Articular Cartilage in the Knee with Three- Dimensional MR Imaging." <i>Acad Radiol</i> 1996; 3 : 919-924.
11.		Eckstein F, et al. "Accuracy of Cartilage Volume and Thickness Measurements with Magnetic Resonance Imaging." <i>Clin Orthop</i> 1998; 352 : 137-148.
12.		Eckstein F, et al. "Magnetic Resonance Chondro-Crassometry (MR CCM): A Method for Accurate Determination of Articular Cartilage Thickness?" <i>Magn Reson Med</i> 1996; 35 : 89-96.
13.		Eckstein F, et al. "The Influence of Geometry on the Stress Distribution in Joints – A Finite Element Analysis." <i>Anat Embryol</i> 1994; 189 : 545-552.
14.		Eckstein F, et al. "The Morphology of Articular Cartilage Assessed by Magnetic Resonance Imaging: Reproducibility and Anatomical Correlation." Surg Radiol Anat 1994; 16: 429-438.
15.		Gerscovich EO. "A Radiologist's Guide to the Imaging in the Diagnosis and Treatment of Developmental Dysplasia of the Hip." <i>Skeletal Radiol</i> 1997; 26 : 447-456.
16.		Haubner M, et al. "A Non-Invasive Technique for 3-Dimensional Assessment of Articular Cartilage Thickness Based on MRI Part 2: Validation Using CT Arthrography." Magn Reson Imaging 1997; 15(7): 805-813.
17.		Herrmann JM, et al. "High Resolution Imaging of Normal and Osteoarthritic Cartilage with Optical Coherence Tomography." <i>J Rheumatol</i> 1999; 26 : 627-635.
18.		Hughes SW, et al. "Technical Note: A Technique for Measuring the Surface Area of Articular Cartilage in Acetabular Fractures." <i>Br J Radiol</i> 1994; 67: 584-588.
19.		Husmann O, et al. "Three-Dimensional Morphology of the Proximal Femur." <i>J</i> Arthroplasty 1997 Jun.; 12(4) : 444-450.
20.		Ihara H. "Double-Contrast CT Arthrography of the Cartilage of the Patellofemoral Joint." Clin Orthop 1985 Sept.; 198: 50-55.
21.		Iida H, et al. "Socket Location in Total Hip Replacement: Preoperative Computed Tomography and Computer Simulation." <i>Acta Orthop Scand</i> 1988; 59(1) :1-5.
22.		Jonsson K, et al. "Precision of Hyaline Cartilage Thickness Measurements." <i>Acta Radiol</i> 1992; 33(3) : 234-239.
23.		Kaneuji A, et al. "Three-Dimensional Morphological Analysis of the Proximal Femoral Canal, Using Computer-Aided Design System, in Japanese Patients with Osteoarthrosis of the Hip." <i>J Orthop Sci</i> 2000; 5(4) : 361-368.

Examiner	Level	Date Considered	12/20/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO—1449	Docket Number (Optional) 6750-0007.01/SU98-U01.US1	Application Number 09/662,224
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Alexander, et al.	
(Use several sheets if necessary)	Filing Date 14 September 2002	Group Art Unit 3737

24.	Karvonen RL, et al. "Articular Cartilage Defects of the Knee: Correlation Between Magnetic Resonance Imaging and Gross Pathology." Ann Rheum Dis 1990; 49: 672-675.
25.	Koh HL, et al. "Visualization by Magnetic Resonance Imaging of Focal Cartilage Lesions in the Excised Mini-Pig Knee." <i>J Orthop Res</i> 1996 July; 14(4) : 554-561.
26.	Korkala O, et al. "Autogenous Osteoperiosteal Grafts in the Reconstruction of Full-Thickness Joint Surface Defects." <i>Int Orthop</i> 1991; 15(3) : 233-237.
27.	Kwak SD, et al. "Anatomy of Human Patellofemoral Joint Articular Cartilage: Surface Curvature Analysis." <i>J Orthop Res</i> 1997; 15 : 468-472.
28.	Lefebvre F, et al. "Automatic Three-Dimensional Reconstruction and Characterization of Articular Cartilage from High-Resolution Ultrasound Acquisitions." <i>Ultrasound Med Biol</i> 1998 Nov; 24(9) : 1369-1381.
29.	Lin CJ, et al. "Three-Dimensional Characteristics of Cartilagenous and Bony Components of Dysplastic Hips in Children: Three-Dimensional Computed Tomography Quantitative Analysis." <i>J Pediatr Orthop</i> 1997; 17 : 152-157.
30.	Marshall KW, et al. "Quantitation of Articular Cartilage Using Magnetic Resonance Imaging and Three-Dimensional Reconstruction." <i>J Orthop Res</i> 1995; 13: 814-823.
31.	Mattila KT, et al. "Massive Osteoarticular Knee Allografts: Structural Changes Evaluated with CT." <i>Radiology</i> 1995; 196 : 657-660.
32.	Milz S, et al. "The Thickness of the Subchondral Plate and Its Correlation with the Thickness of the Uncalcified Articular Cartilage in the Human Patella." <i>Anat Embryol</i> 1995; 192 : 437-444.
33.	Minas T. "Chondrocyte Implantation in the Repair of Chondral Lesions of the Knee: Economics and Quality of Life." <i>Am J Orthop</i> 1998 Nov; 27 : 739-744.
34.	Moussa M. "Rotational Malalignment and Femoral Torsion in Osteoarthritic Knees with Patellofemoral Joint Involvement: A CT Scan Study." <i>Clin Orthop</i> 1994 July; 304 : 176-183.
35.	Myers SL, et al. "Experimental Assessment by High Frequency Ultrasound of Articular Cartilage Thickness and Osteoarthritic Changes." <i>J Rheumatol</i> 1995; 22 : 109-116.
36.	Peterfy CG, et al. "Emerging Applications of Magnetic Resonance Imaging in the Evaluation of Articular Cartilage." <i>Radiol Clin North Am</i> 1996 Mar; 34(2) : 195-213.
37.	Rushfeldt PD, et al. "Improved Techniques for Measuring <i>In Vitro</i> the Geometry and Pressure Distribution in the Human Acetabulum – I. Ultrasonic Measurement of Acetabular Surfaces, Sphericity and Cartilage Thickness." <i>J Biomech</i> 1981; 14(4): 253-260.

Examiner	Twyn 12	Date Considered VISO/D3
EXAMINER:	Initial if citation considered, whether or no	ot citation is in conformance with MPEP § 609. Draw

line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO—1449	Docket Number (Optional) 6750-0007.01/SU98-U01.US1	Application Number 09/662,224
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Alexander, et al.	
(Use several sheets if necessary)	Filing Date 14 September 2002	Group Art Unit 3737

38.	Tyc	Saied A, et al. "Assessment of Articular Cartilage and Subchondral Bone: Subtle and Progressive Changes in Experimental Osteoarthritis Using 50 MHz Echography <i>In Vitro</i> ." <i>J Bone Miner Res</i> 1997; 12(9) : 1378-1386.		
39.		Sittek H, et al. "Assessment of Normal Patellar Cartilage Volume and Thickness Using MRI: an Analysis of Currently Available Pulse Sequences." <i>Skeletal Radiol</i> 1996; 25 : 55-62.		
40.		Soslowsky LJ, et al. "Articular Geometry of the Glenohumeral Joint." Clin Orthop 1992 Dec.; 285: 181-190.		
41.		Tyler JA, et al. "Detection and Monitoring of Progressive Degeneration of Osteoarthritic Cartilage by MRI." <i>Acta Orthop Scand</i> 1995; 66 Suppl. 266: 130-138.		
42.		Van Leersum MD, et al. "Thickness of Patellofemoral Articular Cartilage as Measured on MR Imaging: Sequence Comparison of accuracy, reproducibility, and interobserver variation." <i>Skeletal Radiol</i> 1995; 24 : 431-435.		
43.		Waterton JC, et al. "Magnetic Resonance Methods for Measurement of Disease Progression in Rheumatoid Arthritis." Magn Reson Imaging 1993; 11: 1033-1038.		
44.		Watson PJ, et al. "MR Protocols for Imaging the Guinea Pig Knee." Magn Reson Imaging 1997; 15(8) : 957-970.		
45.	4	Wayne JS, et al. "Finite Element Analyses of Repaired Articular Surfaces." <i>Proc Instn Mech Eng</i> 1991; 205(3) : 155-162.		

	and the same of th		
Examiner	Teogral 2	Date Considered	14/30/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.